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MASSACHUSETTS TRAMWAY WIRE ROPE INSPECTION REPORT

TRAMWAY REGISTRATION NO. _____

ON THE INDICATED DATE I MADE AN INSPECTION OF THE WIRE ROPES ON THE TRAMWAY NOTED ABOVE PER THE REQUIREMENTS OF THE RECREATIONAL TRAMWAY BOARD REGULATIONS (526 CMR 1.00 *et seq*) AND THE CURRENT ANSI B77.1 REQUIREMENTS.

SKI AREA_____ LIFT NAME:_____

SKI AREA REPRESENTATIVE _____ _____ _____
(AT THE TIME OF INSPECTION PRINT NAME TITLE SIGN NAME)

INSPECTED BY_____ DATE_____

COMPANY & ADDRESS_____

MAIN HAUL WIRE ROPE DATA	
MANUFACTURED BY:	Date Installed:
Nominal Diameter:_____(X.000)	94% Of Nominal Diameter:_____(X.000)
Length:_____(FT.)	Construction:_____X_____
Grade:	Lay: ☐Right ☐Left ☐Regular ☐Lang
Core: ☐Vegetable Fiber ☐Synthetic Fiber ☐Synthetic Solid ☐Steel	
Any Sections Spliced Into Repair: Yes ( ) No ( )	Date Repaired:
Splicer(s) Name & Company:	

MAIN HAUL WIRE ROPE INSPECTION DATA

Diameter of main rope body measured in two planes at 90° at 10 various points									
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
AVERAGE DIAMETER OF THE MAIN BODY OF THE HAUL ROPE_____(X.000)									

DIAMETER OF SPLICE(S) AT POINT OF TUCKS						
Splice #1 Max.						
Splice #1 Min.						
Splice #2 Max.						
Splice #2 Min.						
Condition of Splice(s):	#1			#2		

(continued on next page)

Length of Lay						
Main Rope Body	_____	_____	_____	_____	_____	_____
Average Length Of Lay Of The Main Body Of The Haul Rope _____						
Splice Area (One Measurement Required) _____						

Broken Wires	Location:_____		Type of Break_____	
Broken Wires	Worst section no. adj. 1 strand_____		One rope lay_____	
Corrosion: Surface Rust:	none_____	slight_____	moderate_____	excessive_____
Corrosion: Pitting:	none_____	slight_____	moderate_____	excessive_____
Abrasion, Scrubbing or Peening: _____% of diameter of outside wires				
Evidence of Heat Damage_____Probable Cause_____				

Lubrication:	None____	Good____	Requires Lubrication____	Excessive or Incorrect____
Rope Dirty_____ Valleys Filled With Dirt, etc.:_____				
Any Irregularities In Rope:_____ Acceptable ( ) Not Acceptable ( )				

TENSION DATA

Tensioning Mechanism:	Counterweight_____	Hydraulic_____	Winch / Tensiometer_____
Diameter of Counterweight Rope _____		Counterweight Rope Construction _____x_____	
Condition_____		Lubrication_____	
No. Part Lines_____		End Fittings_____	
Remaining Carriage Travel _____ft. _____in.		Temperature Above Measurements Made___o^F	
Any Irregularities In Rope:_____ Acceptable ( ) Not Acceptable ( )			

BACK STAY WIRE ROPE

Diameter _____	Construction _____ x _____	Lubrication _____
Condition_____	End Fittings_____	
Any Irregularities In Rope:_____ Acceptable ( ) Not Acceptable ( )		

COMMENTS:

ALL WIRE ROPES CURRENTLY - [❒ ARE ACCEPTABLE ❒ ARE NOT ACCEPTABLE]
AND [DO NOT]MEET THE REQUIREMENTS OF THE LATEST ANSI B77.1 STANDARD.

Inspector's Signature & Date: _____